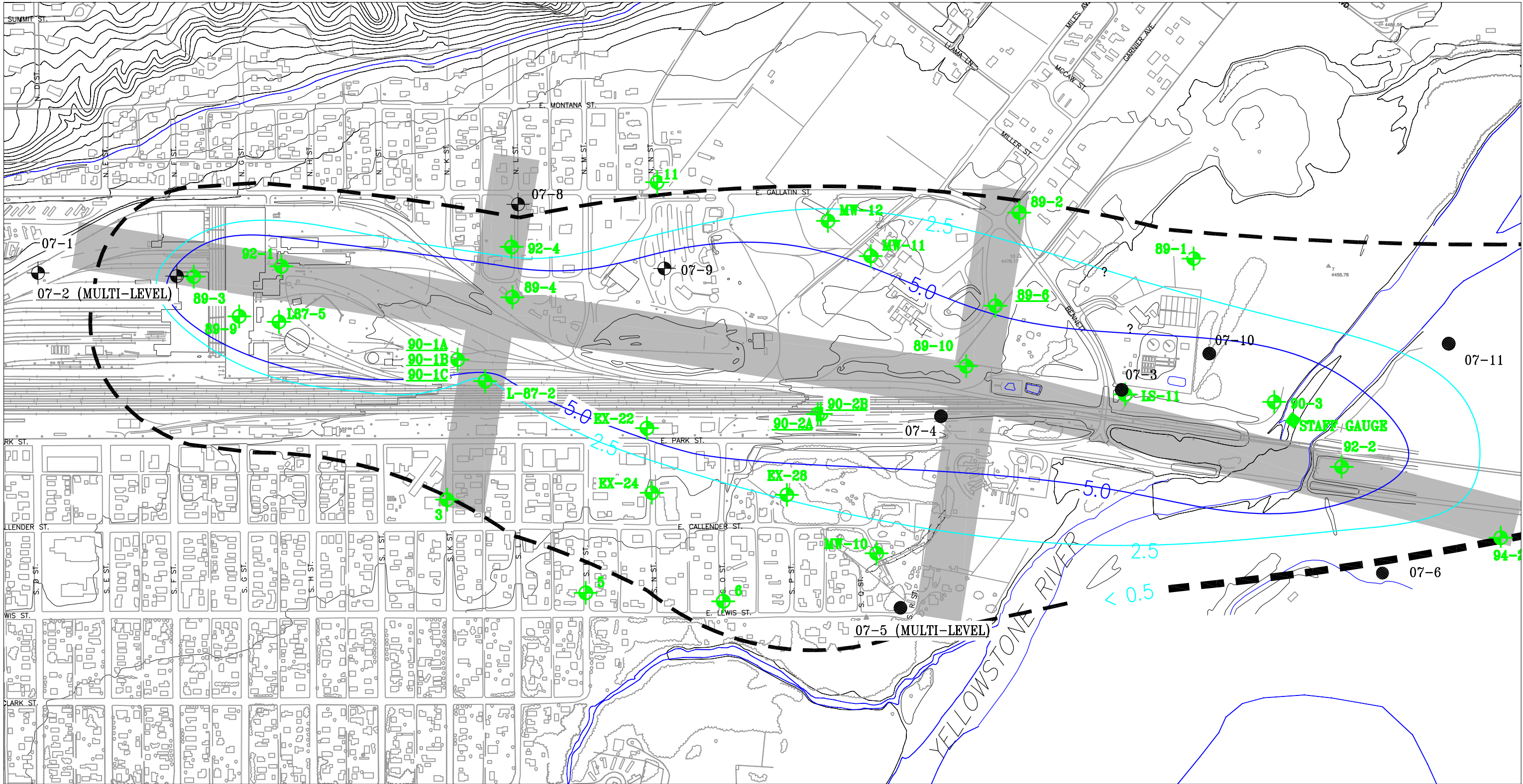


P:\8469 (DEQ)\BN Livingston\Spring SOW\Task F - alluvial aquifer groundwater\CD-from-KJA\013Figures and Fig.G1\PO5SK020B-cdm-8-07(WEST\_R2).dwg 8/29/2007 9:47:35 AM MDT



**LEGEND**

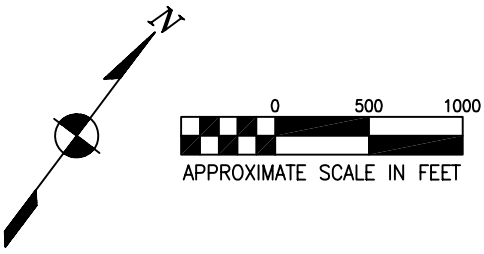
- NEW MONITORING WELL LOCATION, DRILLED TO BEDROCK
- ⊕ NEW MONITORING WELL LOCATION
- ⊕ EXISTING MONITORING WELL LOCATION
- MONITORING WELL NETWORK TRANSECT
- 2.5— ESTIMATED TETRACHLOROETHENE (PCE) ISOCONCENTRATION CONTOUR ( $\mu\text{g/L}$ )
- 5.0— ESTIMATED ISOCONCENTRATION CONTOUR FOR PCE CLEANUP LEVEL PER THE RECORD OF DECISION ( $\mu\text{g/L}$ )
- < 0.5 — ESTIMATED AREA WHERE PCE IS EXPECTED TO BE PRESENT ABOVE THE DEQ-7 REQUIRED REPORTING LIMIT OF  $0.5 \mu\text{g/L}$ .

**NOTES:**

- 1) UNDERLINED WELL DESIGNATION INDICATES WELLS THAT FORM PART OF A MULTI-LEVEL/CLUSTERED WELL GROUPING TO BE USED FOR EVALUATION OF POSSIBLE STRATIFICATION.
- 2) THE ISOCONCENTRATION CONTOURS SHOWN ON THIS DRAWING ARE GENERALLY BASED ON NOVEMBER 2004 GROUNDWATER MONITORING DATA AND ARE INTENDED TO PROVIDE A GENERALIZED REPRESENTATION OF POTENTIAL SITE CONDITIONS AT ANY GIVEN TIME DURING THE PERIOD WHICH DATA USED TO GENERATE THE MAP WERE ACQUIRED. CONTOURS DEPICTED WERE COMPUTER GENERATED USING ARC/INFO pc-TIN 3.40 BASED ON AVAILABLE DATA POINTS AND, THEREFORE, INCLUDE ANOMALIES THAT ARE NOT CONSISTENT WITH THE EXPECTED ACTUAL CHEMICAL CONCENTRATION DISTRIBUTION IN GROUNDWATER. THE ACTUAL DISTRIBUTION OF CHEMICAL CONCENTRATIONS IN GROUNDWATER CANNOT BE ACCURATELY DEPICTED USING TWO-DIMENSIONAL CONTOURING AND ESTIMATION METHODS SUCH AS THOSE USED TO PREPARE THIS DRAWING. THIS DRAWING IS INTENDED TO SERVE ONLY AS A GENERALIZED OR IDEALIZED REPRESENTATION OF SITE CONDITIONS TO ASSIST THE VIEWER IN VISUALIZING SITE CONDITIONS. THE CONTOURS DO NOT REPRESENT ANY PARTICULAR STATISTICAL CERTAINTY OF THE PRESENCE OR ABSENCE OF DETECTABLE CHEMICAL CONCENTRATIONS IN GROUNDWATER AT THE LOCATIONS SHOWN, NOR IS ANY WARRANTY OR GUARANTY, EXPRESSED OR IMPLIED, MADE BY KENNEDY/JENKS CONSULTANTS OR BNSF WITH RESPECT TO THE ACCURACY OF THIS DRAWING.

**BASEMAP SOURCE:**

HORIZONS, INC. RAPID, SD (1989)



BURLINGTON NORTHERN LIVINGSTON SHOP  
COMPLEX - LIVINGSTON, MT

**MONITORING WELL NETWORK  
EAST PORTION**

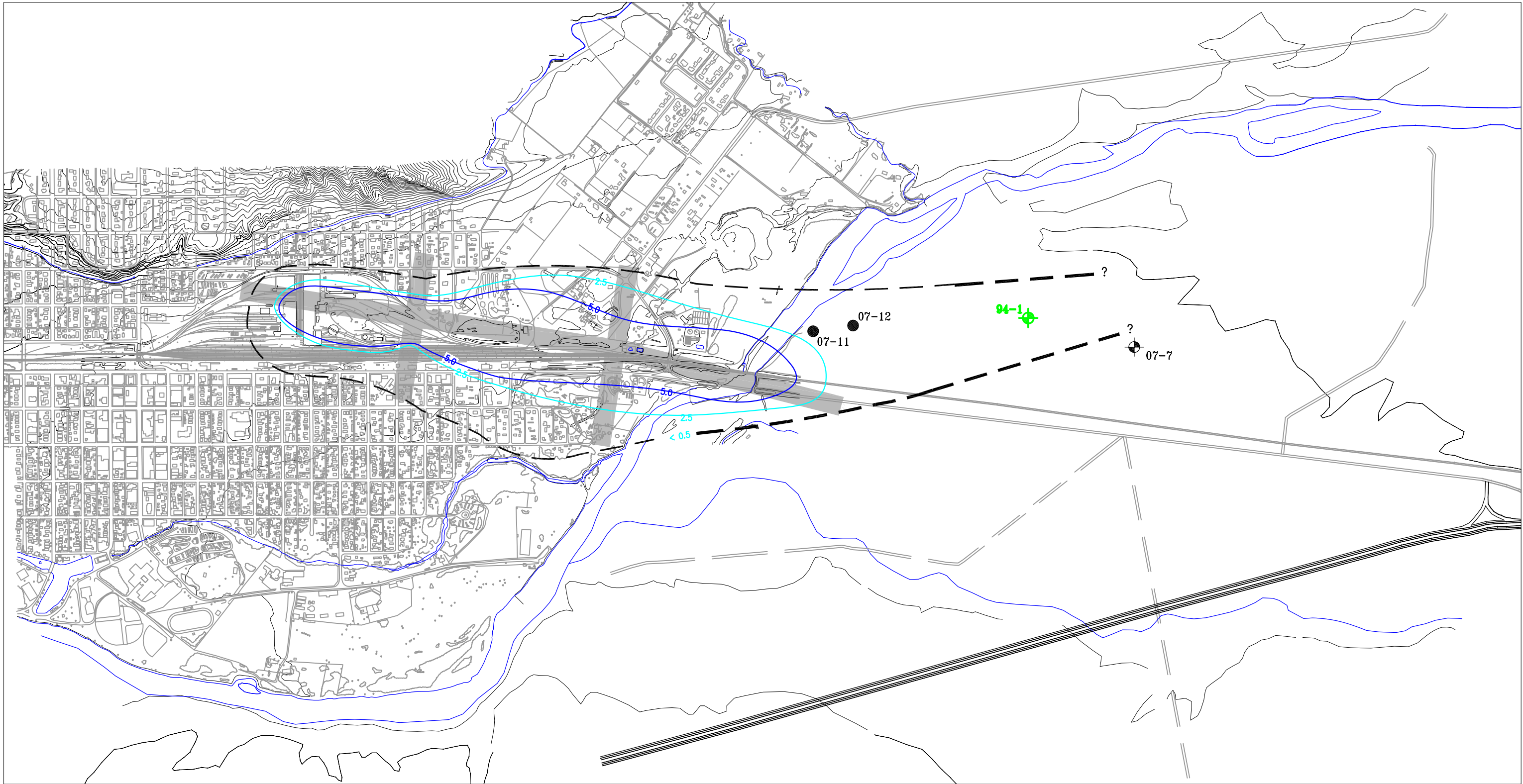
0596021.16/Task F/WP/P04SK020B

Revised 8/07

**FIGURE 20B**



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**LEGEND**

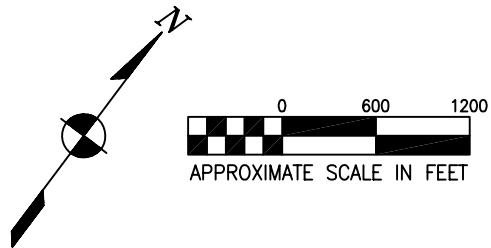
- NEW MONITORING WELL LOCATION, DRILLED TO BEDROCK
- ⊕ NEW MONITORING WELL LOCATION
- ⊕ EXISTING MONITORING WELL LOCATION
- MONITORING WELL NETWORK TRANSECT
- 2.5— ESTIMATED TETRACHLOROETHENE (PCE) ISOCONCENTRATION CONTOUR ( $\mu\text{g/L}$ )
- 5.0— ESTIMATED ISOCONCENTRATION CONTOUR FOR PCE CLEANUP LEVEL PER THE RECORD OF DECISION ( $\mu\text{g/L}$ )
- < 0.5 — ESTIMATED AREA WHERE PCE IS EXPECTED TO BE PRESENT ABOVE THE DEQ-7 REQUIRED REPORTING LIMIT OF 0.5  $\mu\text{g/L}$ .

**NOTES:**

- 1) UNDERLINED WELL DESIGNATION INDICATES WELLS THAT FORM PART OF A MULTI-LEVEL/CLUSTERED WELL GROUPING TO BE USED FOR EVALUATION OF POSSIBLE STRATIFICATION.
- 2) THE ISOCONCENTRATION CONTOURS SHOWN ON THIS DRAWING ARE GENERALLY BASED ON NOVEMBER 2004 GROUNDWATER MONITORING DATA AND ARE INTENDED TO PROVIDE A GENERALIZED REPRESENTATION OF POTENTIAL SITE CONDITIONS AT ANY GIVEN TIME DURING THE PERIOD DURING WHICH DATA USED TO GENERATE THE MAP WERE ACQUIRED. CONTOURS DEPICTED WERE COMPUTER GENERATED USING ARC/INFO pc-TIN 3.40 BASED ON AVAILABLE DATA POINTS AND, THEREFORE, INCLUDE ANOMALIES THAT ARE NOT CONSISTENT WITH THE EXPECTED ACTUAL CHEMICAL CONCENTRATION DISTRIBUTION IN GROUNDWATER. THE ACTUAL DISTRIBUTION OF CHEMICAL CONCENTRATIONS IN GROUNDWATER CANNOT BE ACCURATELY DEPICTED USING TWO-DIMENSIONAL CONTOURING AND ESTIMATION METHODS SUCH AS THOSE USED TO PREPARE THIS DRAWING. THIS DRAWING IS INTENDED TO SERVE ONLY AS A GENERALIZED OR IDEALIZED REPRESENTATION OF SITE CONDITIONS TO ASSIST THE VIEWER IN VISUALIZING SITE CONDITIONS. THE CONTOURS DO NOT REPRESENT ANY PARTICULAR STATISTICAL CERTAINTY OF THE PRESENCE OR ABSENCE OF DETECTABLE CHEMICAL CONCENTRATIONS IN GROUNDWATER AT THE LOCATIONS SHOWN, NOR IS ANY WARRANTY OR GUARANTY, EXPRESSED OR IMPLIED, MADE BY KENNEDY/JENKS CONSULTANTS OR BNSF WITH RESPECT TO THE ACCURACY OF THIS DRAWING.

**BASEMAP SOURCE:**

HORIZONS, INC. RAPID, SD (1989)



BURLINGTON NORTHERN LIVINGSTON SHOP  
COMPLEX - LIVINGSTON, MT

**MONITORING WELL NETWORK  
EAST PORTION**

0596021.16/Task F/WP/P04SK020B

Revised 8/07

**FIGURE 20B**